

WILDFIRES AND AGENCY COOPERATION

SAN DIEGO WATER BOARD

OCTOBER 2017

WILDFIRES - SAN DIEGO EXPERIENCES

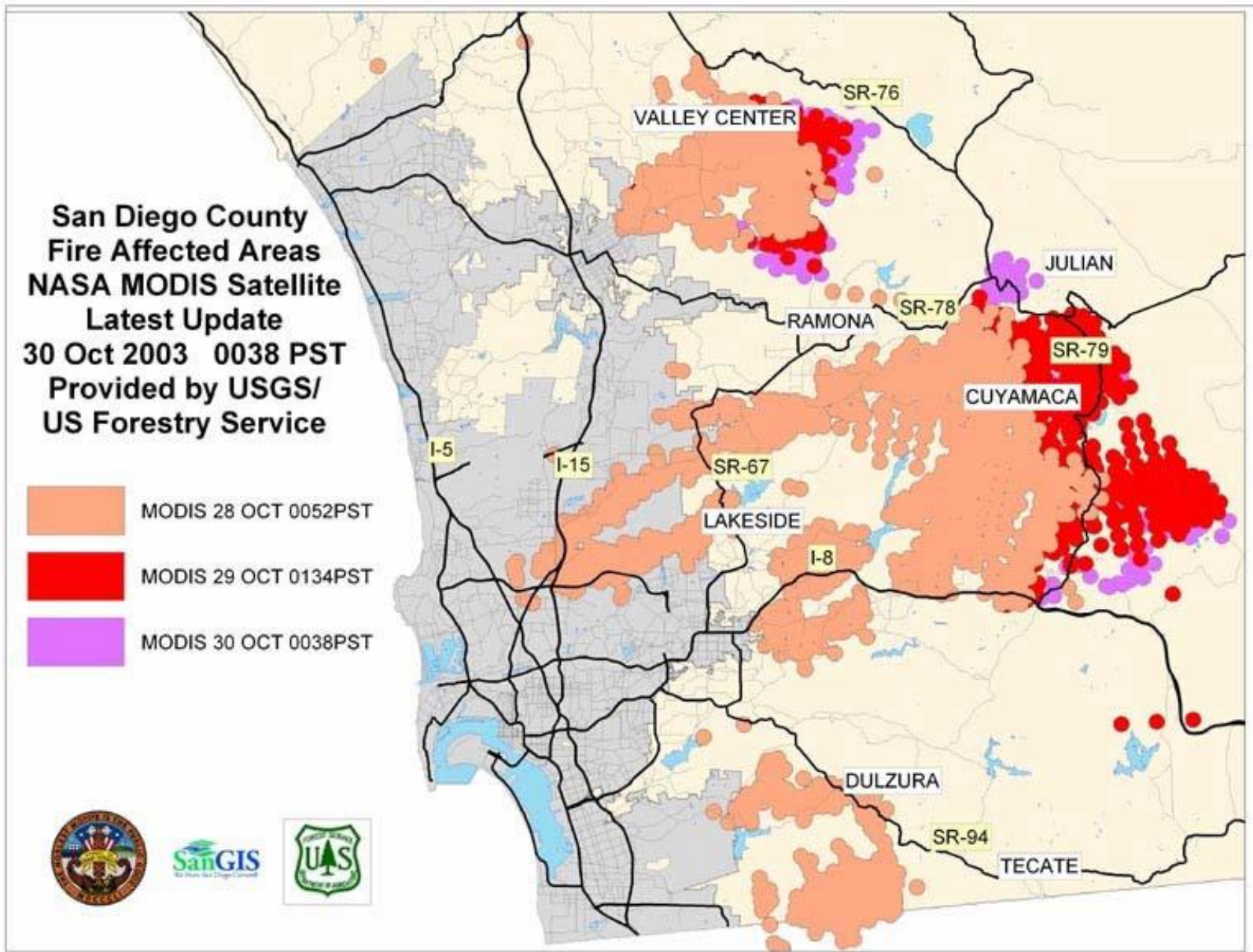
Disaster Related Waste Streams

Wildfires and emergency/disaster Waivers 2003 & 2007

Wildfires and emergency/disaster Waiver 2014



WILDFIRES 2003



WILDFIRES 2003

MIRAMAR LANDFILL



THE LOSS (3 FIRES)

280,278 acres

Destroyed 5,000 buildings

Damage 63 buildings, 148 vehicles

**15 fatalities and 104 Firefighters
injured**

Estimated loss \$1.1 billion

WILDFIRES 2003 - DEBRIS

127,000 tons of debris unincorporated areas

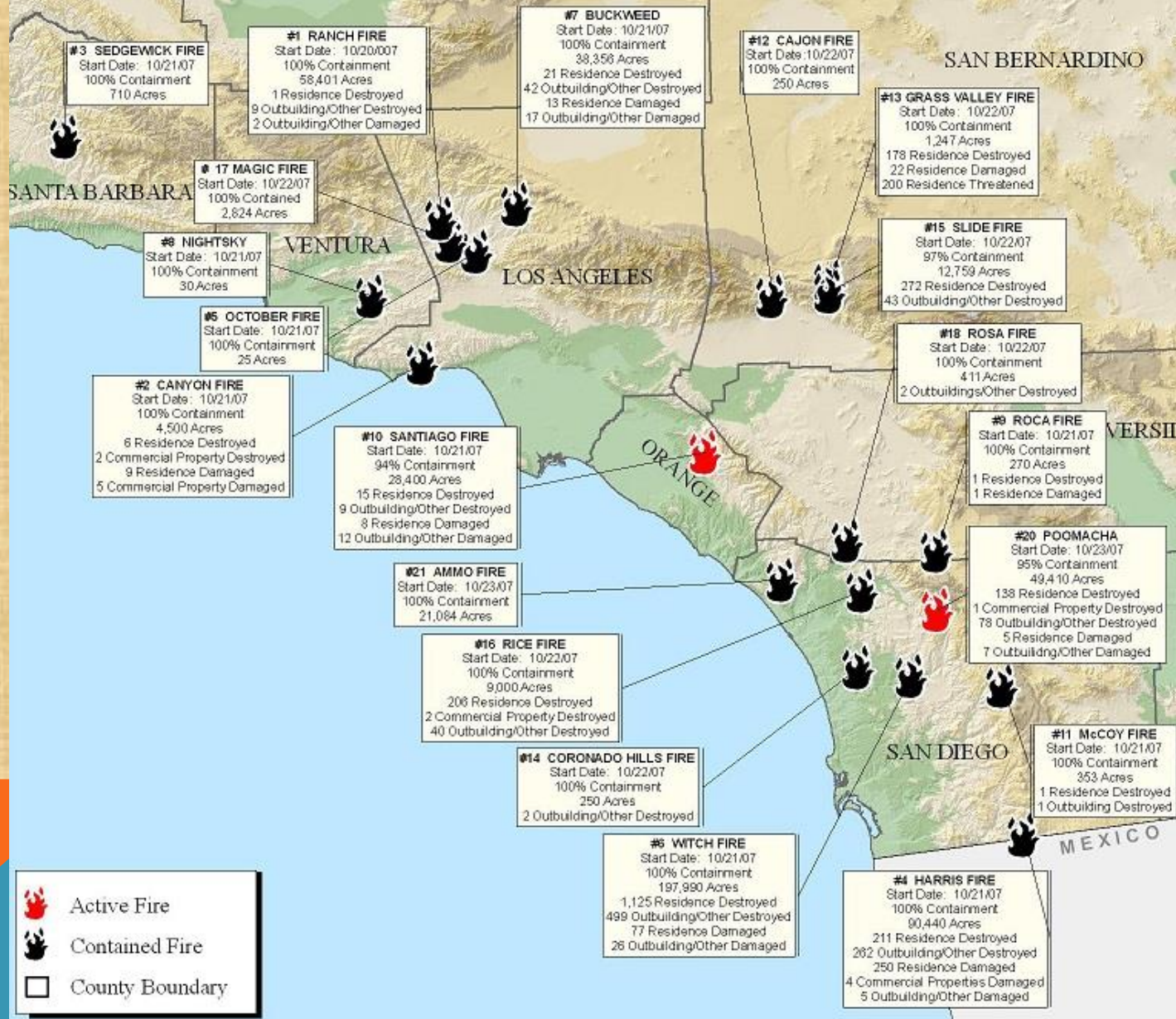
County supported programs estimated 43 to 45% recycling rate

Private property cleaning program estimated 24% recycling rate

\$20 per ton reduced disposal fee for remainder

Estimated to save about 185,000 cubic yards of landfill space

WILDFIRES 2007 KERN



Please Note: Fire locations are rough estimates based upon various field sources

Status Nov 6, 2007

WILDFIRES 2007

RANCHO BERNARDO



THE LOSS (6 FIRES)

402,600 acres

Structures destroyed 3,300

Structures damaged 92

Vehicles destroyed 223

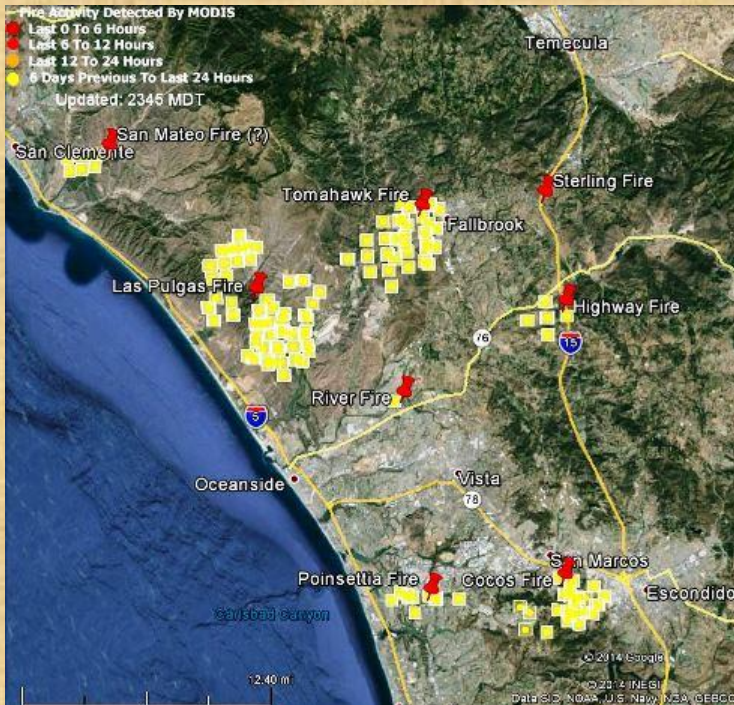
Fatalities 16 / Injuries 127

1 million people evacuated

Estimated loss \$1.8 billion

WILDFIRES 2014

FIRE MAP



THE LOSS (14 FIRES)

26,000 acres

Structures destroyed 65

Structures damaged 19

Fatalities 1 / Injuries 6

121,000 people evacuated

Estimated cost \$60 million

REGIONAL AND LOCAL RESPONSES

Conditional Waiver Disaster Debris/Wastes

Temporary Waste Piles /Mass Mortality – SDRWQCB, SWRCB

Debris/Waste Management - CalEPA, DTSC

Disposal Fire Wastes at Landfills – SDRWQCB

Wildfire web pages – Resources and Guidance - SDRWQCB

Local Agencies

Debris Sampling Protocol

Debris/Waste Management - Household Hazardous wastes

Ash and Asbestos cleanup / Recycling Burned Wastes

Burned Vehicles Haul and Disposal

Boil Water Orders



WAIVER 12 –DISASTER WASTES

- **Temporary waste piles & surface impoundments**
- **Emergency activities in non-federal waters of the State**
- **Dredge/fill in non-federal waters of the State**
- **Other discharges of emergency/disaster related wastes**
 - Mass mortality of animals - temporary waste piles and emergency landfills
 - Oil and oily water –oil spill response marine waters

EFFECTIVE BMPS





[Home](#) → [Press Room](#) → [Announcements](#) → [Firestorm](#)

San Diego Region - Wildfires

Quick Links

[Home](#) | [Background](#) | [Staff Contacts](#) | [Waste Management](#) | [Erosion/Dredge-Fill](#) | [Resources](#)

This Website provides information to the public regarding points of contact, guidance, and other information on issues related to water quality and waste management in the wake of the wildfires in the San Diego Region.

The [San Diego Water Board](#) adopted a conditional waiver of waste discharge requirements for Discharges of Emergency/Disaster Related Wastes ([Emergency Waste Waiver](#)) in [Order No. R9-2014-0041](#). The waiver is for the management and disposal of wastes resulting from a regional emergency or disaster where the [Governor of California](#) has issued a proclamation, pursuant to Government Code sections 8625 and 8558(b), identifying a portion of the San Diego Region as being in a state of emergency. Waste streams from wildfire and other regional disasters may be a source of pollutants that can adversely affect the quality of waters of the State.

Discharges of disaster related wastes to temporary waste piles and surface impoundments require that a notice of intent (NOI) be submitted to the San Diego Water Board. Provided below are links to the Emergency Waste Waiver and the NOI.

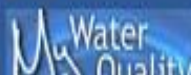
- [Waiver No. 12: Discharges of Emergency/Disaster Related Wastes \(Emergency Waste Waiver\)](#)
- [Notice of Intent \(NOI\) - Attachment A to Order No. R9-2014-0041](#)

The San Diego Water Board staff will update this Website with additional information as it becomes available.

- [Cal/EPA](#)
- [State & Regional Water Boards](#)
- [Laws/Regulations](#)
- [Plans/Policies](#)
- [Programs](#)
- [Decisions Pending and Opportunities for Public Participation](#)



CONNECT WITH US



LESSONS & RECOMMENDATIONS

Develop local /regional tools and plans early

Automatic Regulatory actions (Waivers)

Agency Coordination is key to success

Off the Shelf Construction BMPs work